

FIG. 1

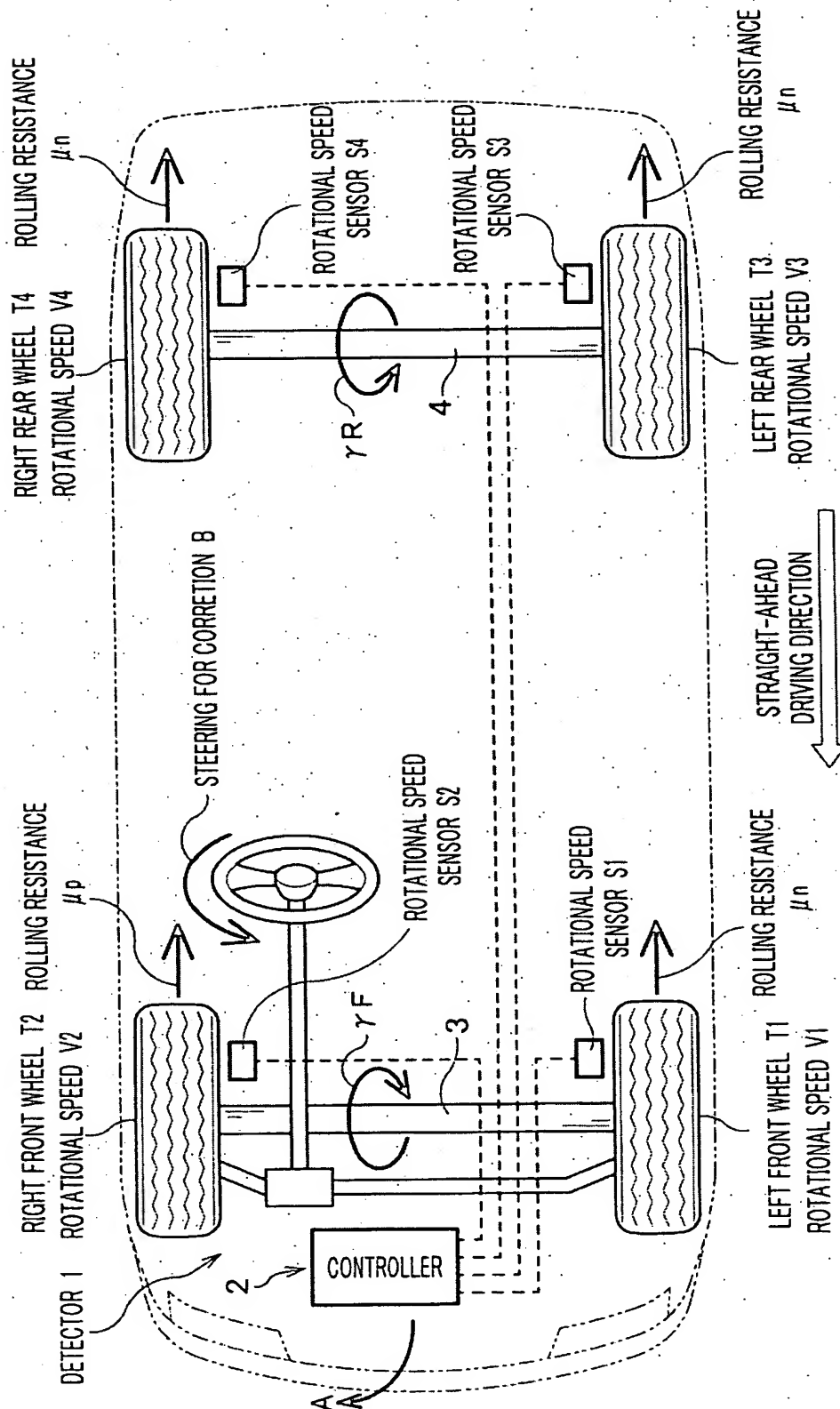


FIG.2

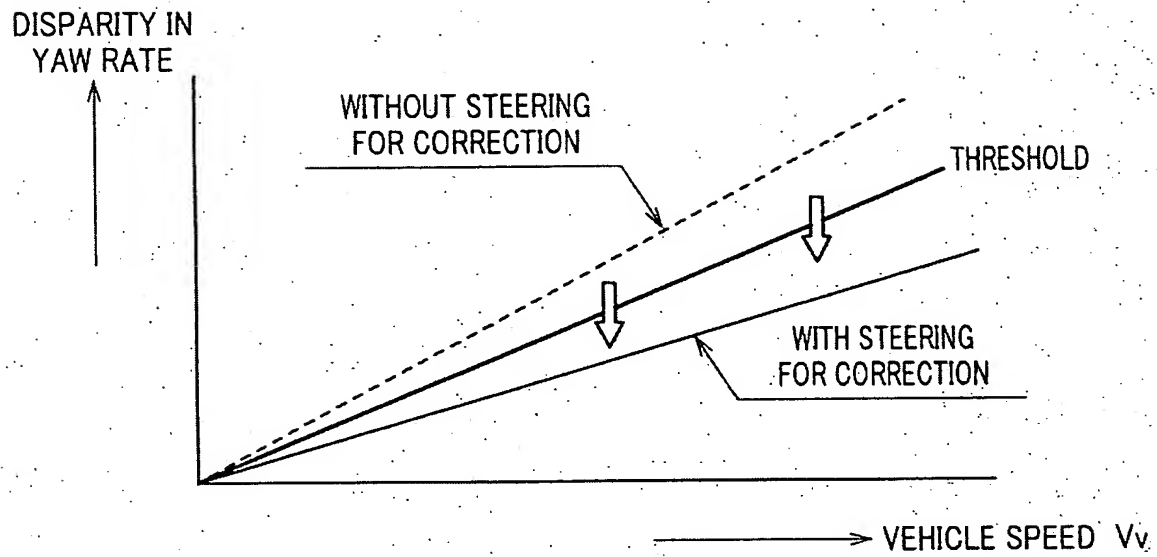


FIG.3

2 CONTROLLER

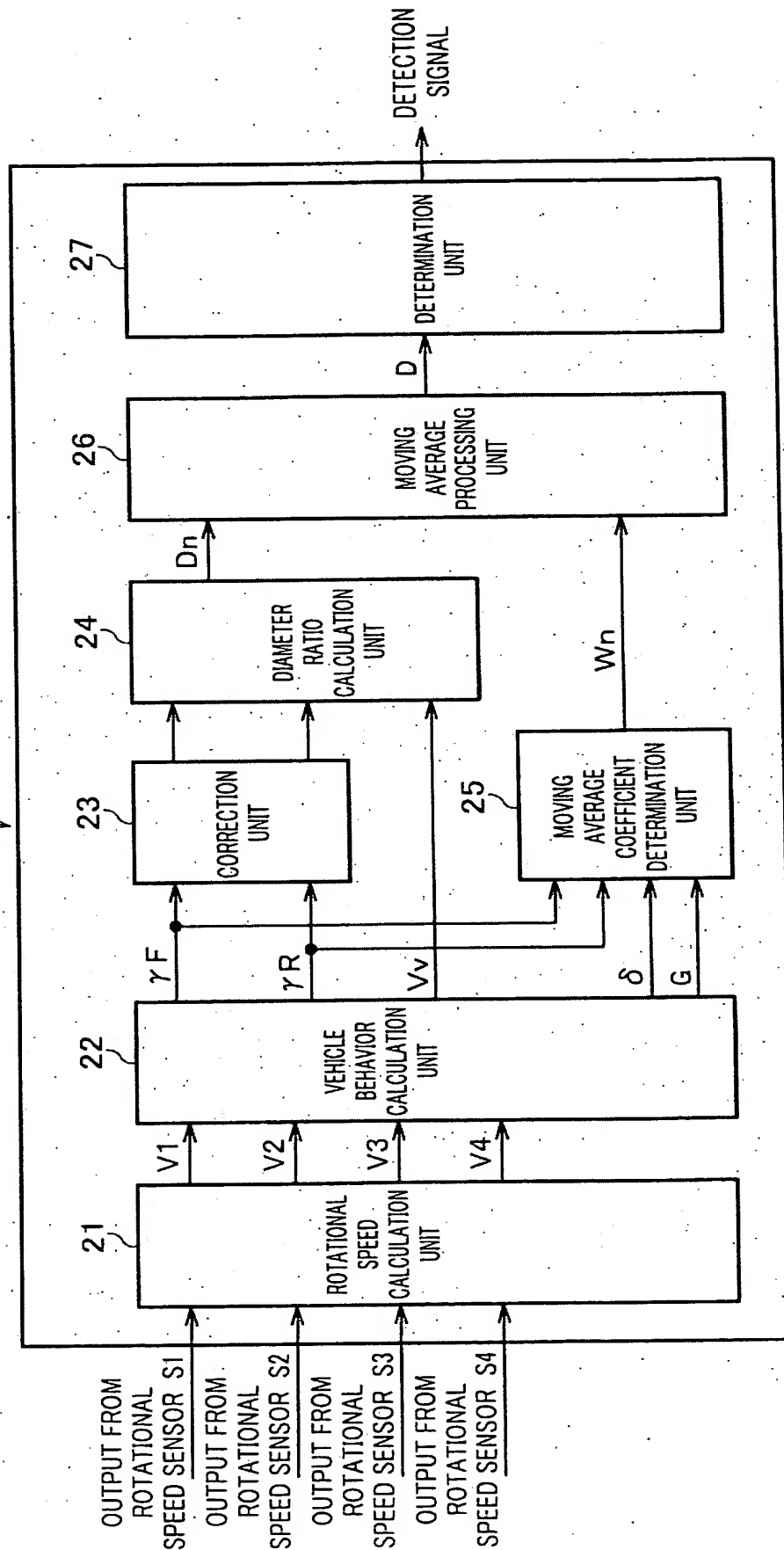


FIG.4

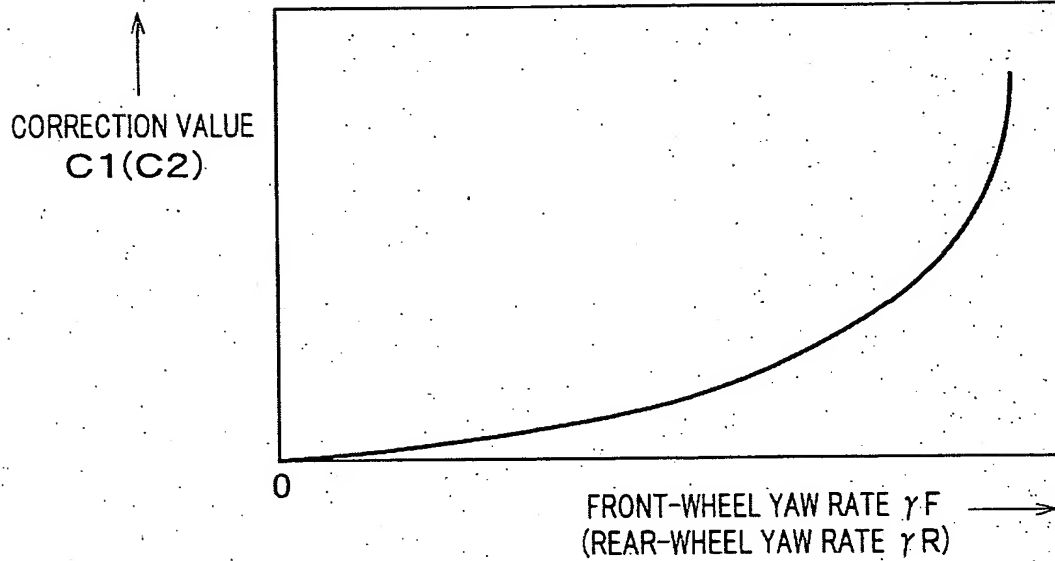


FIG.5

			FRONT-WHEEL YAW RATE $\gamma_F$	REAR-WHEEL YAW RATE $\gamma_R$
MAP RETRIEVAL WITH FRONT-WHEEL YAW RATE $\gamma_F$	a1	CORRECTION TO FRONT WHEELS T1,T2	$\gamma_F = \gamma_F \times C1$	$\gamma_R = \gamma_R$
	b1	CORRECTION TO REAR WHEELS T3,T4	$\gamma_F = \gamma_F$	$\gamma_R = \gamma_R / C1$
MAP RETRIEVAL WITH REAR-WHEEL YAW RATE $\gamma_R$	c1	CORRECTION TO FRONT WHEELS T1,T2	$\gamma_F = \gamma_F / C2$	$\gamma_R = \gamma_R$
	d1	CORRECTION TO REAR WHEELS T3,T4	$\gamma_F = \gamma_F$	$\gamma_R = \gamma_R \times C2$

FIG.6A

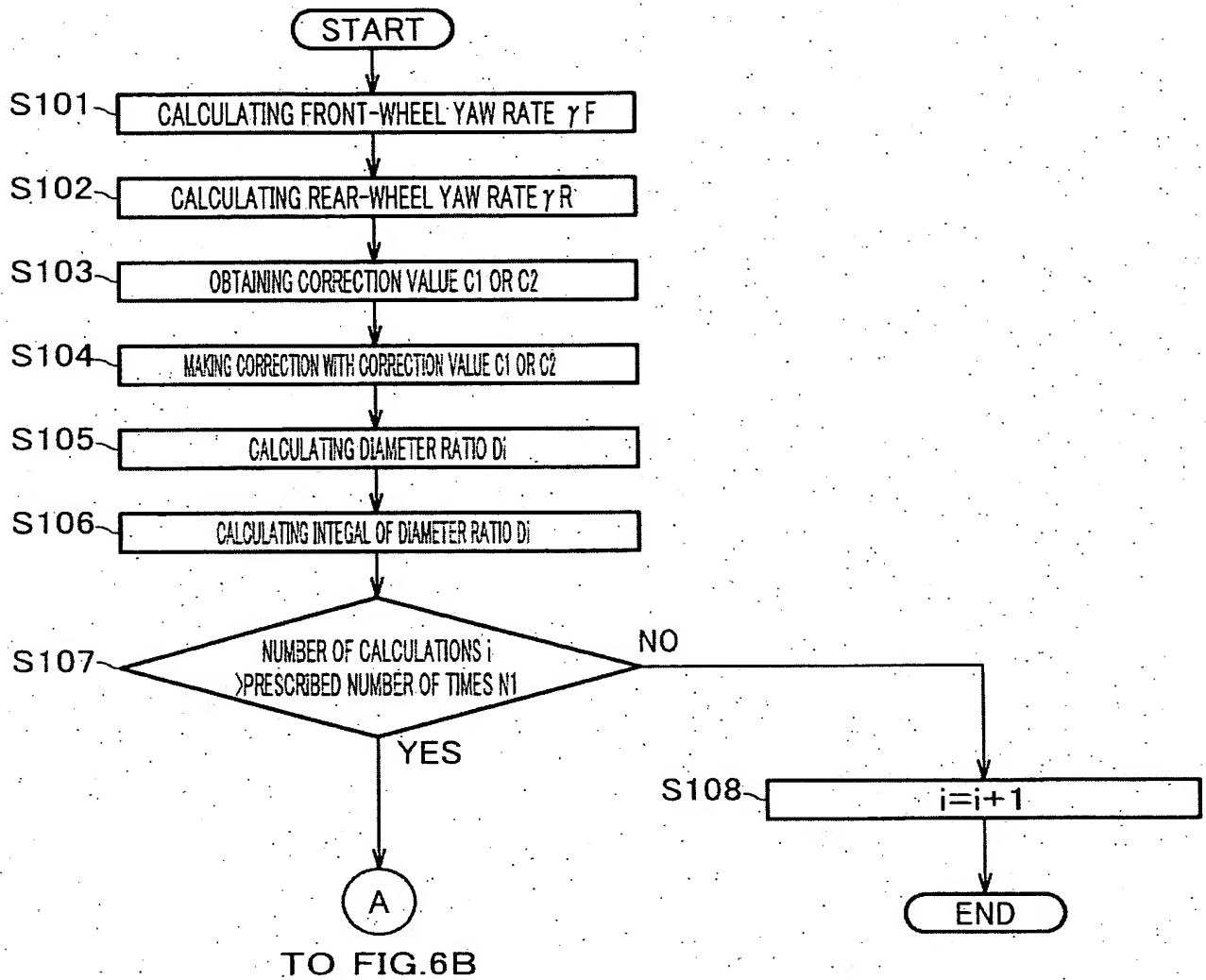


FIG.6B

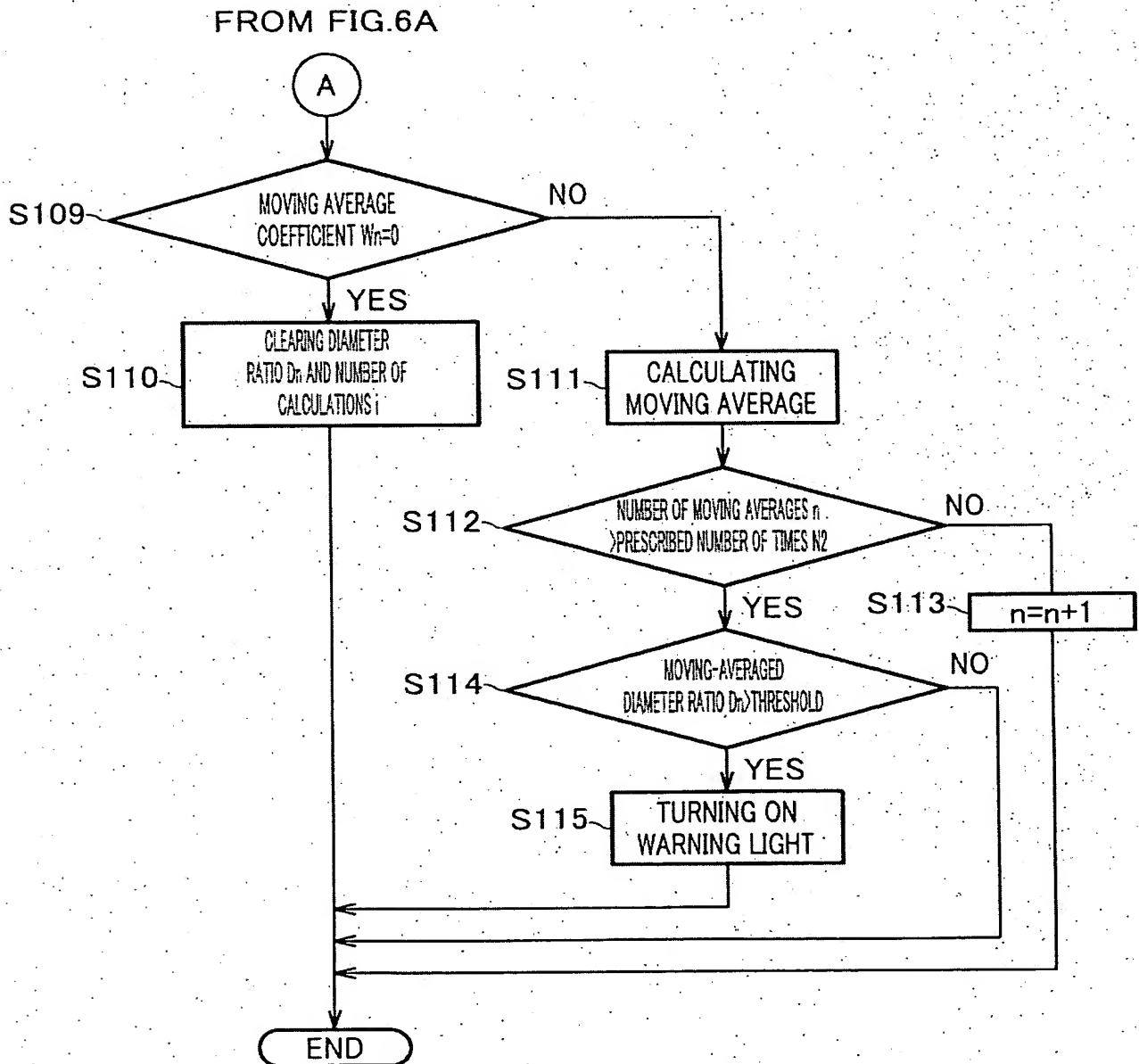


FIG. 7

			FRONT-WHEEL YAW RATE $\gamma_F$	REAR-WHEEL YAW RATE $\gamma_R$
CALCULATION OF FRONT-WHEEL YAW RATE DEVIATION $\gamma_{P1}$	a2	CORRECTION TO FRONT WHEELS T1,T2	$\gamma_F = \gamma_F - \gamma_{P1}$	$\gamma_R = \gamma_R$
	b2	CORRECTION TO REAR WHEELS T3,T4	$\gamma_F = \gamma_F$	$\gamma_R = \gamma_R + \gamma_{P1}$
CALCULATION OF REAR-WHEEL YAW RATE DEVIATION $\gamma_{P2}$	c2	CORRECTION TO FRONT WHEELS T1,T2	$\gamma_F = \gamma_F + \gamma_{P2}$	$\gamma_R = \gamma_R$
	d2	CORRECTION TO REAR WHEELS T3,T4	$\gamma_F = \gamma_F$	$\gamma_R = \gamma_R - \gamma_{P2}$